International Journal of Computer Mathematics

VOLUME 23

INDEX

GORDON AND BREACH SCIENCE PUBLISHERS

Intern. J. Computer Math., Index to Vol. 23
Reprints available directly from the publisher
Photocopying permitted by license only
© 1987 Gordon and Breach, Science Publishers, Inc.
Printed in Great Britain

Index

SECTION A No. 1

ARTEMI, CHRISTIAN
The Knaster–Tarski Fixed Point Theorem is Not Uniformly Constructive, **25**

ER, M. C.
Lexicographic Enumeration, Ranking and Unranking of Permutations of r out of n Objects, **1**

JARRATT, P.—see KING, D. J.

KING, D. J. and JARRATT, P.
An Algebra to Represent Security Policies for Cryptography Based Secure Storage Systems, **9**

REES, R. A.
Notations and Computability, **29**

SECTION B

EVANS, D. J., XUE, Y. and LI, C.
The Extrapolated Gauss–Seidel Methods and Generally Consistently Ordered Matrices, **77**

EVANS, D. J. and SANUGI, B. B.
A Comparison of Numerical O.D.E. Solvers Based on Arithmetic and Geometric Means, **37**

KHALIQ, A. Q. M. and TWIZELL, E. H.
A Family of Second Order Methods for Variable Coefficient Fourth Order Parabolic Partial Differential Equations, **63**

LI, C—see EVANS, D. J.

SANUGI, B. B.—see EVANS, D. J.

TWIZELL, E. H.—see KHALIQ, A. Q. M.

XUE, Y.—see EVANS, D. J.

SECTION A No. 2

MAROLA, GIOVANNI
An Algorithm for Finding the Number of $(0, 1, 2, \ldots, l)$ Matrices with Prefixed Row Sum and Column Vectors, **125**

SMIT, C. M.
The Permutation Rank of an Automaton I, **133**

TURAKAINEN, PAAVO
On Some Transducer Equivalence Problems for Families of Languages, **99**

SECTION B

DELAYE, ALAIN
Quadrature Formulae for Singular Functions, **167**

TAI, C. C.—see VATSYA, S. R.

VATSYA, S. R. and TAI, C. C.
Inverse of a Perturbed Matrix, **177**

WONG, YAU SHU
Preconditioned Gradient Type Methods Applied to Non-Symmetric Linear Systems, **141**

SECTION A Nos. 3 and 4

BOESCH, F. T.—see YANG, C. S.

LEE, J. Y.—see WANG, J. F.

MCCLUSKEY, CAROLINA P. S.
A Linked Forest Manipulation System Syntex Rules for an Attributed Translation Grammar for PL/0, **201**

POLKOWSKI, LECH T. and SEMENIUK-POLKOWSKA, MARIA
An Analytic Model of Anaphora Resolution in Algebraic Linguistics, **251**

SEMENIUK-POLKOWSKA, MARIA—see POLKOWSKI, LECH T.

VARADHARAJAN, V.
Cryptosystems Based on Permutation Polynomials, **237**

WANG, J. F.—see YANG, C. S.

YANG, C. S., WANG, J. F., LEE, J. Y. and BOESCH, F. T.
The Number of Spanning Trees of the Regular Networks, **185**

SECTION B

DOSTAL, ZDENEK
Conjugate Gradient Method with Preconditioning by Projector, **315**

EVANS, D. J.—see LISHAN, KANG

LISHAN, KANG and EVANS, D. J.
The Convergence Rate of the Schwarz Alternating Procedure (V)—for More Than Two Subdomains, **295**

MOHAN, C. and SHANKER, KUSUM
A Numerical Study of Some Modified Versions of Controlled Random Search Method for Global Optimization, **325**

NETA, BENY
Several New Methods for Solving Equations, **265**

SCRATON, R. E. and SINGH, ANJANA
A Fourth Order Alternating Direction Method Based on the (2,2)-Padé Approximant, **283**

SHANKER, KUSUM—see MOHAN, C.

SINGH, ANJANA—see SCRATON, R. E.